

Recombinant Human ANGPT4 Protein, His-tagged

Cat. No. ANGPT4-208H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ANGPT4 (NP_068769.2) (Met282-Ile503) was expressed, with an N-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	282-503 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant human ANGPT4 comprises 242 amino acids and has a predicted molecular mass of 27.6 kDa. The apparent molecular mass of the protein is approximately 38 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>80 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [ANGPT4](#) [angiopoietin 4](#) [[Homo sapiens](#)]

Official Symbol [ANGPT4](#)

Synonyms [ANGPT4](#); [angiopoietin 4](#); [angiopoietin-4](#); [ANG-4](#); [angiopoietin-3](#); [dJ824F16.2](#) ([angiopoietin 4](#)); [AGP4](#); [ANG4](#); [ANG-3](#); [MGC138181](#); [MGC138183](#);

Gene ID [51378](#)

mRNA Refseq [NM_015985](#)

Protein Refseq [NP_057069](#)

MIM [603705](#)

UniProt ID [Q9Y264](#)

Chromosome Location 20p13

Pathway [Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem](#); [Cell surface interactions at the vascular wall, organism-specific biosystem](#); [Hemostasis, organism-specific biosystem](#); [Tie2 Signaling, organism-specific biosystem](#);

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